

January 1992

New Science and Technology Journals

Lynn Tinsley

Follow this and additional works at: <http://jdc.jefferson.edu/scitechnews>

[Let us know how access to this document benefits you](#)

Recommended Citation

Tinsley, Lynn (1992) "New Science and Technology Journals," *Sci-Tech News*: Vol. 46: Iss. 1, Article 15.
Available at: <http://jdc.jefferson.edu/scitechnews/vol46/iss1/15>

This Article is brought to you for free and open access by the Jefferson Digital Commons. The Jefferson Digital Commons is a service of Thomas Jefferson University's [Center for Teaching and Learning \(CTL\)](#). The Commons is a showcase for Jefferson books and journals, peer-reviewed scholarly publications, unique historical collections from the University archives, and teaching tools. The Jefferson Digital Commons allows researchers and interested readers anywhere in the world to learn about and keep up to date with Jefferson scholarship. This article has been accepted for inclusion in *Sci-Tech News* by an authorized administrator of the Jefferson Digital Commons. For more information, please contact: JeffersonDigitalCommons@jefferson.edu.

New Science & Technology Journals

LYNN TINSLEY, EDITOR

Bio-medical Materials and Engineering: an International Journal. ISSN 0959-2989. Pergamon Press, 395 Saw Mill River Road, Elmsford, NY 10523. Editor-in-Chief: Rakeo Yokobon. Vol. 1, #1, 1991. US\$150. Quarterly.

To provide an interdisciplinary, international forum featuring high-quality reports on materials and engineering for biological and medical systems of interest to a broad bioengineering audience.

Bioorganic & Medicinal Chemistry Letters. ISSN 0960-894x. Pergamon Press, 395 Saw Mill River Rd, Elmsford, NY 10523. Editor-in-Chief: Dale L. Boger. Vol. 1, 1991. DM 695. Twelve issues per year.

A Tetrahedron publication for rapid dissemination of preliminary communications on all aspects of bioorganic chemistry, medicinal chemistry, and related disciplines.

Computational Complexity. ISSN 1016-3328. Birkhauser Verlag, P.O. Box 133, CH-4010 Basel/Switzerland. Managing Editor: J. von zur Gathen. Volume 1, #1, 1991. US\$198. 4 issues per year.

This journal presents outstanding research in computational complexity. Its subject is at the interface between

mathematics and theoretical computer science, with a clear mathematical profile and strictly mathematical format.

Engineering Data Management Newsletter. Coopers & Lybrand, One Post Office Square, Boston, MA 02109. Consultant Editor: Chris Horrocks. Volume 1, #1, Oct. 1991. US\$295. 12 issues per year.

The international monthly guide to the fast and effective implementation, management and use of EDM systems.

European Radiology. ISSN 0938-7994. Martinus Nijhoff, 175 Derby Street, Suite 13, Hingham, MA 02043. Editor: J. Lissner. Volume 1, 1991. DM360. Vol. 2 1992 will be published in 6 issues.

Journal of the European Congress of Radiology (ERC); official organ of the European Association of Radiology (EAR).

GAFA Geometric and Functional Analysis. ISSN 1016-443x. Birkhauser Verlag, P.O. Box 133, CH-4010 Basel/Switzerland. Editor-in-Chief: C.F. Martin. Volume 1, 1991. DM344. 4 issues per year.

The purpose of this journal is to publish mathematically sophisticated

papers in the areas of systems, estimation, and control theory.

Human Factors in Manufacturing. ISSN 1045-2699. John Wiley & Sons, Inc., 605 Third Avenue, New York, NY 10158-0012. Editors: Waldemar Karwowski and Gavriel Salvendy. Volume 2, 1992. US\$125 inst. 4 issues per year.

Devoted exclusively to information on human involvement in the development and application of new manufacturing technologies and systems.

Journal of Nutritional Immunology. ISSN 1049-5150. Haworth Medical Press, 10 Alice Street, Binghamton, NY 13904-9981. Editor-in-Chief: Julian E. Spallholz. Volume 1, #1, 1992. US\$75.

Provides a publishing and informational forum for research scientists that bridges the classical disciplines of nutrition and immunology. Features original research, brief communications, and reviews.

Journal of Systems Engineering. ISSN 0938-7706. Springer-Verlag, 175 Fifth Avenue, New York, NY 10010. Editor: D.T. Pham. Volume 1, 1991. US\$191. 2 issues in 1991.

Encompasses all subjects pertinent to systems engineering; systems analysis, modeling, simulation, optimization, synthesis, operation, monitoring, identification, evaluation diagnosis, and control.

Machine Vibration. ISSN 0939-7418. Springer-Verlag, 175 Fifth Avenue, New York, NY 10010. Editor-in-Chief: D. G. Gorman. Volume 1, 1992. US\$204. 4 issues per year.

Experimental and analytical studies of vibration from machinery.

Nanostructured Materials. Pergamon Press, 395 Saw Mill River Road, Elmsford, NY 10523. Published on behalf of Acta Metallurgica, Inc. Volume 1, 1992. US\$250. 6 issues per year.

The aim of this journal is to provide an international and interdisciplinary forum for the effective dissemination of scientific and technical information on the synthesis, processing, theory, and computational modeling of nanostructured materials.

Potential Analysis. ISSN 0926-2601. Martinus Nijhoff, 175 Derby Street, Suite 13, Hingham, MA 02043. Editor-in-Chief: D. Feyel. Volume 1, 1992. Dfl. 320. Quarterly.

An international journal devoted to the interactions between potential theory, probability theory, geometry, and functional analysis.

Corporate Library Excellence

By James M. Matarazzo

ISBN 0-87111-367-8 \$25.00 137 pages

Through case studies, this book covers the elements of excellence and their relationships to staff, budget, and provision of service.



Order From: SLA, Order Department
1700 Eighteenth Street, NW
Washington, DC 20009
(202) 234-4700

4 Money-Saving Books by Scientific Serials Expert, Tony Stankus from The Haworth Press, Inc.

MAKING SENSE OF JOURNALS IN THE PHYSICAL SCIENCES

*From Specialty Origins to
Contemporary Assortment*

New

Tony Stankus, MLS

Science Librarian, Science Library, College of the Holy Cross

"Clear, practical, and unique. . . His analyses and descriptions are people-oriented: we see how the rise of a field (and its journals) is linked to its fascinating scientists; we see that the purpose of making purchasing decisions is to help the library patron."

Virgil Diodato, MS, PhD, Associate Professor, School of Library and Information Science, University of Wisconsin at Milwaukee

The first step to saving money in the management of expensive science journals is knowing whether the specialty journals that you currently stock actually match the specialties pursued at your institution. This book introduces the fields and journals in such a way as to enable the librarian to negotiate journal holdings for appropriateness and relative value.

CONTENTS: A Working Guide From a Working Librarian for Working Librarians • Journals of Analytical Chemistry • Journals of Inorganic Chemistry • Journals of Organic Chemistry • Physical Chemistry, Chemical Physics, and Their Journals • Physics at the Very Small and Very Large Scales of Matter • Journals for Contemporary Applied Physics

(Monographic Supplement Number 7 to *The Serials Librarian*.)
\$29.95 hard. ISBN: 1-56024-180-2. Available Summer 1992.

SCIENTIFIC JOURNALS

*Improving Library Collections Through
Analysis of Publishing Trends*

"A wonderfully written scholarly work on a topic of keen interest to the profession. . . Must reading for all professionals."

James M. Matarazzo, PhD, Simmons College, Graduate School of Library & Information Science

This important book encourages librarians to sharpen their strategic vision—to see the importance of science for U.S. competitiveness and the role that science journals play in this. This practical book identifies titles that have high quotability, attract the most U.S. papers, and have the broadest circulation base.

CONTENTS: The Scientist Is Appointed an Editor: Adjusting the Journal Collection at Stages in a Client's Career • Asia's Other Sci-Tech Dragons: The International Publishing Patterns of Hong Kong, The People's Republic of China, Singapore, South Korea, and Taiwan • Greater Familiarity Will Not Breed Contempt: Canadian Scientific Journals as Economically and Professionally Attractive Outlets for U.S. Researchers and the Libraries That Serve Them • The Producer of the Article as Its Distributor: The Competitive Status and Prospects of the University Sector of U.S. Science Journal Publishing • Index

(Monographic Supplement No. 6 to *The Serials Librarian*.)
\$29.95 hard. ISBN: 0-86656-905-7. 1990.

MAKING SENSE OF JOURNALS IN THE LIFE SCIENCES

*From Specialty Origins to
Contemporary Assortment*

New

"A must for those librarians concerned about their biomedical serials collections. . . A wealth of information on the roles that each prominent journal plays today. You did not learn this in library school and you probably have not mastered it on the job either. Tony Stankus has."

Frank R. Kellerman, MSLS, Biomedical Reference Librarian, Brown University

Serials and science librarians, particularly those who are new or would welcome a refresher to the shifting alliances and agendas of specialty journals in the life sciences, will benefit greatly from **Making Sense of Journals in the Life Sciences**.

CONTENTS: Introduction: A Working Guide From a Working Librarian for Working Librarians • Journals of Biology: From Molecules to Embryos • Journals of Biology: the Physiology and Pharmacology of Adult Organisms in the Laboratory • Journals of Biology: Evolution, Ecology, Ethology, and Environment

(Monographic Supplement Number 8 to *The Serials Librarian*.)
\$39.95 hard. ISBN: 1-56024-181-0. Available Summer 1992.

SCIENTIFIC JOURNALS

*Issues in Library Selection
and Management*

"Tony Stankus has firmly established himself as one of the most productive investigators of the use of scientific journals. . . More works of this type are needed."

American Reference Books Annual

Science librarians, serials librarians, and acquisitions librarians—faced with the difficult task of selecting and de-selecting expensive scientific journals in the face of enormous faculty and budgetary pressures—need this valuable volume that focuses on the collection management process. Librarians can learn to anticipate, teach, and control faculty demands for periodicals.

SELECTED CONTENTS: Negotiating Journal Demands With Young Scientists Using Lists Derived From Thesis Advisor Records • The Role of Language and Cultural Forces in Shaping Journals and Their Uses • Collection Development: Journals for Biochemists • Selecting Multispecialty Mathematics Research Journals via Their Underlying Subject Emphases • Looking for Tutors and Brokers • Index • more

(Monographic Supplement No. 3 to *The Serials Librarian*.)
\$29.95 hard. ISBN: 0-86656-616-3. 1988.

Please note that these monographic supplements are not part of your regular subscription to *The Serials Librarian*.



The Haworth Press, Inc.

10 Alice Street, Binghamton, New York 13904-1580

PAD92